

Comparisons of Job Characteristics

Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

Associated Occupation: Broadcast Technicians (27-4012)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)
Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	16.8	15.4	0 Current knowledge level may be sufficient
Telecommunications	3.9	15.5	19.3	>> Current knowledge level is likely more than sufficient
Communications and Media	5.3	14.9	7.1	<< Extensive education and/or training may be required
Engineering and Technology	5.7	14.0	9.4	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)
Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	11.1	11.4	0 Current skill level may be sufficient
Troubleshooting	4.5	8.4	11.8	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	7.9	10.3	>> Skill level is likely more than sufficient
Equipment Selection	3.3	7.9	9.2	> Skill level is likely sufficient
Repairing	3.4	6.8	10.6	>> Skill level is likely more than sufficient
Installation	1.7	5.0	7.7	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 76			
Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022) Associated Occupation: Broadcast Technicians (27-4012)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	9.9	10.2	0	Current ability level may be sufficient
Selective Attention	8.7	9.9	9.0	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	9.7	12.9	>>	Current ability level is likely more than sufficient
Flexibility of Closure	7.8	9.4	8.8	0	Current ability level may be sufficient
Speed of Closure	5.9	8.5	6.4	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	8.1	9.0	>	Current ability level is likely sufficient
Memorization	5.6	7.2	8.0	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 78
Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022) Associated Occupation: Broadcast Technicians (27-4012)		
Work Activities	Exclusivity of Activity	
Calibrate or adjust electronic equipment or instruments to specification	67	
Communicate technical information	4	
Distinguish colors	44	
Drive automobile, van, or light truck	53	
Install electronic power, communication, control, or security equipment or systems	76	
Install/connect electrical equipment to power circuit	57	
Read blueprints	10	
Read schematics	34	
Read technical drawings	7	
Read work order, instructions, formulas, or processing charts	9	
Replace electronic components	63	
Solder electrical or electronic connections or components	55	
Test electrical/electronic wiring, equipment, systems or fixtures	54	
Test electronic or electrical circuit connections	66	
Understand detailed electronic design specifications	70	
Understand service or repair manuals	40	

Understand technical information for electronic repair work	76
Understand technical operating, service or repair manuals	6
Use electrical or electronic test devices or equipment	40
Use hand or power tools	2
Use interpersonal communication techniques	10
Use precision tools in electronics repair	71
Use soldering equipment	44
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)
Associated Occupation: Broadcast Technicians (27-4012)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.